

FIG. 1

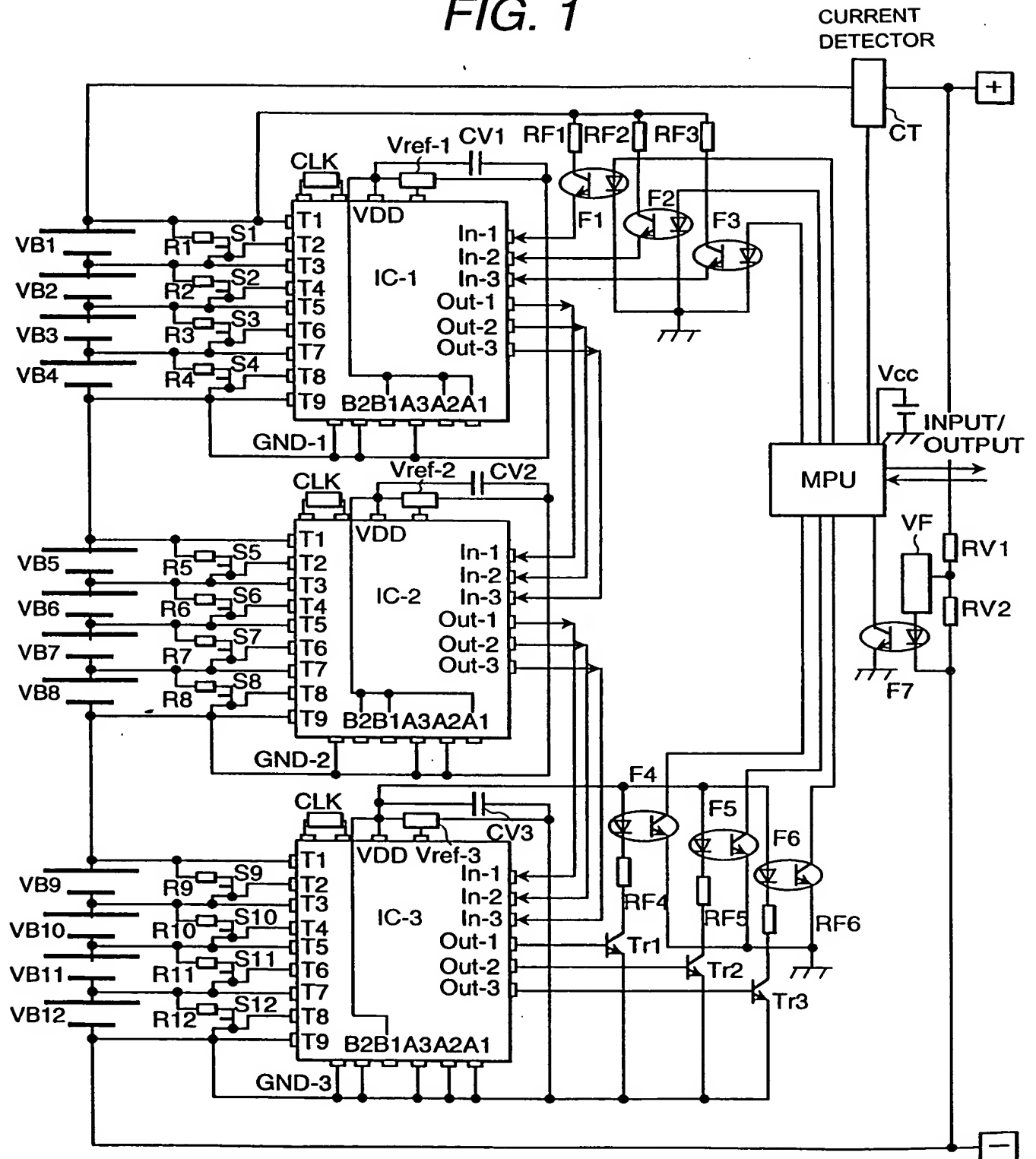


FIG. 2

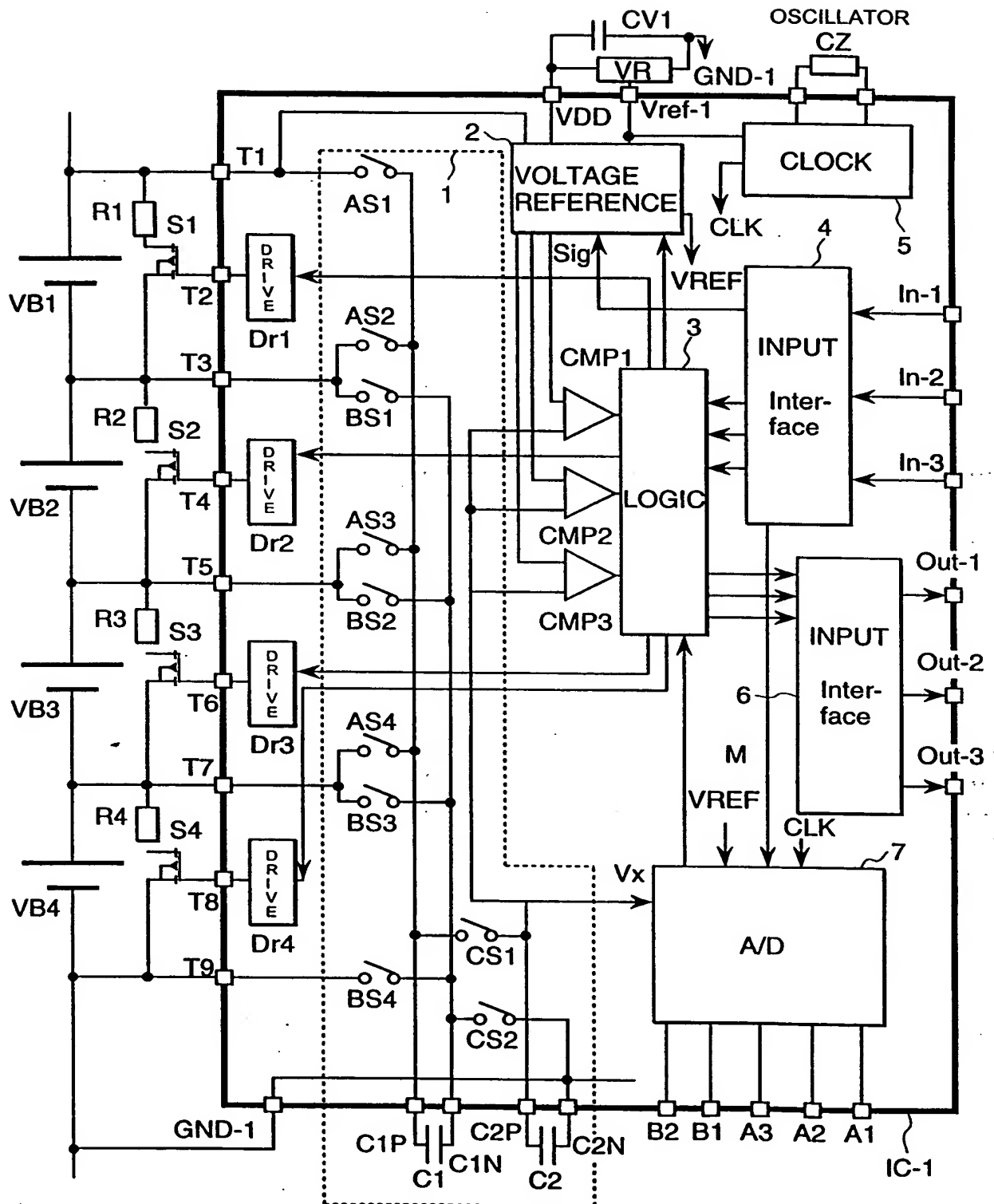


FIG. 3

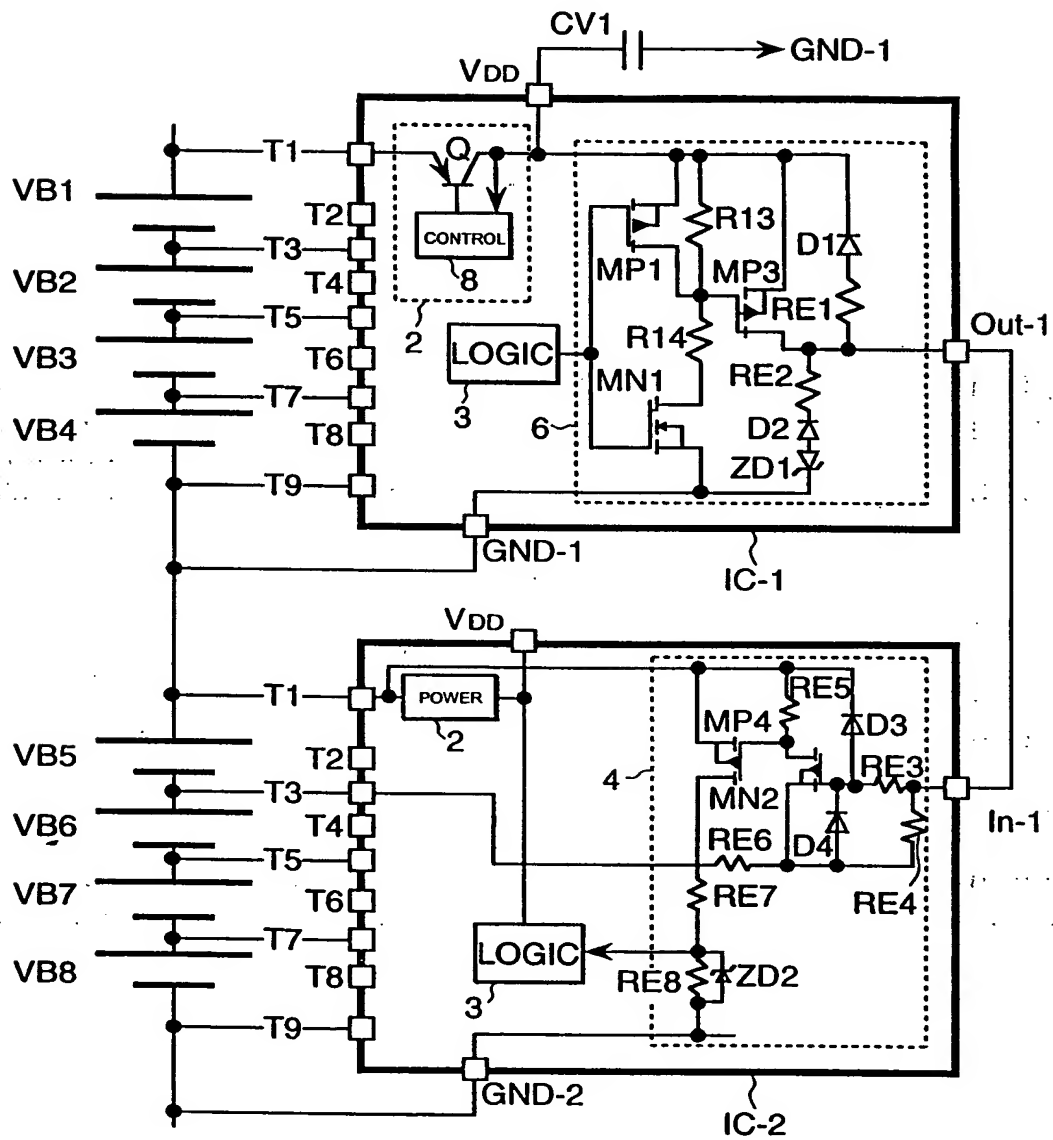


FIG. 4

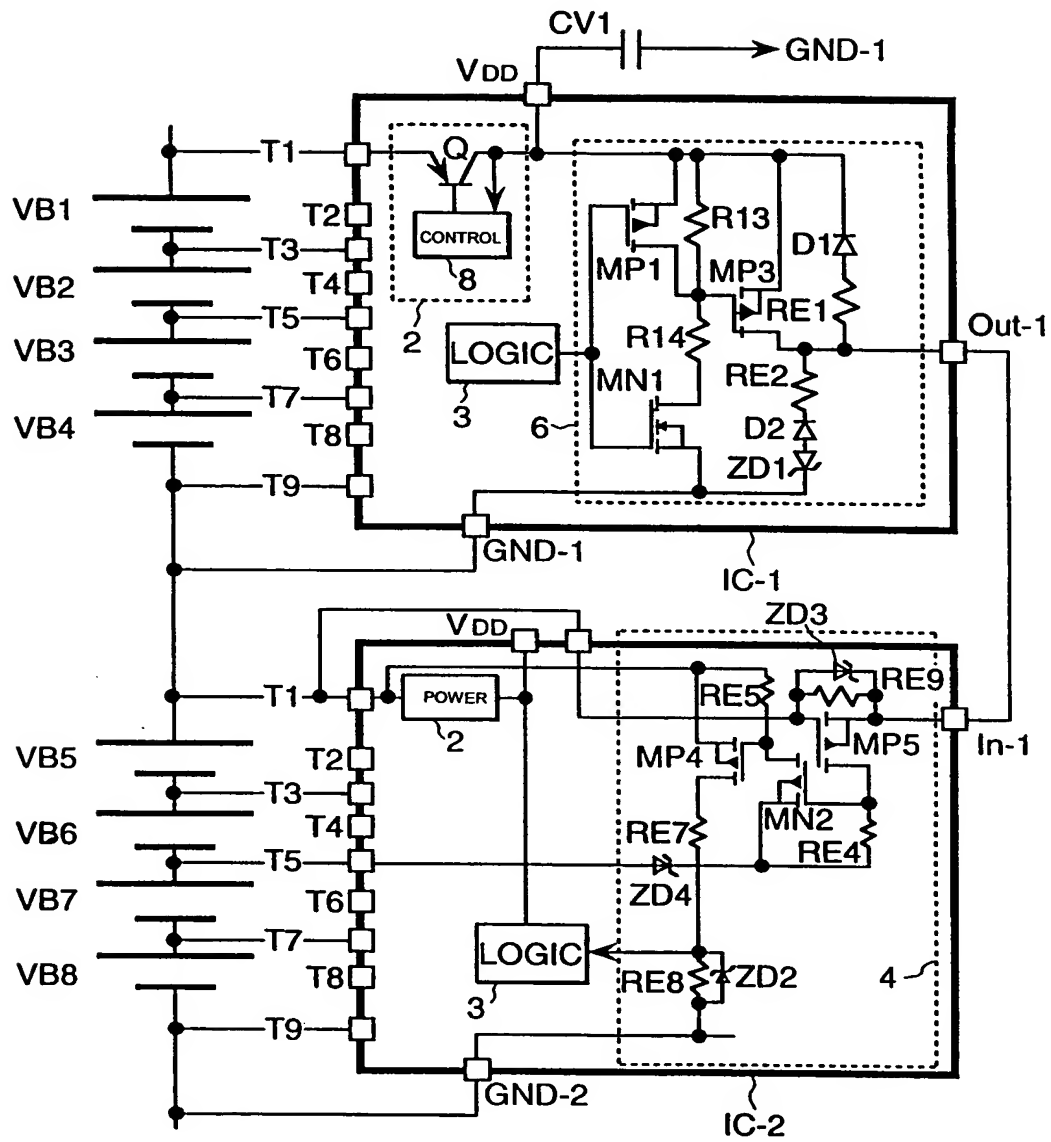


FIG. 5

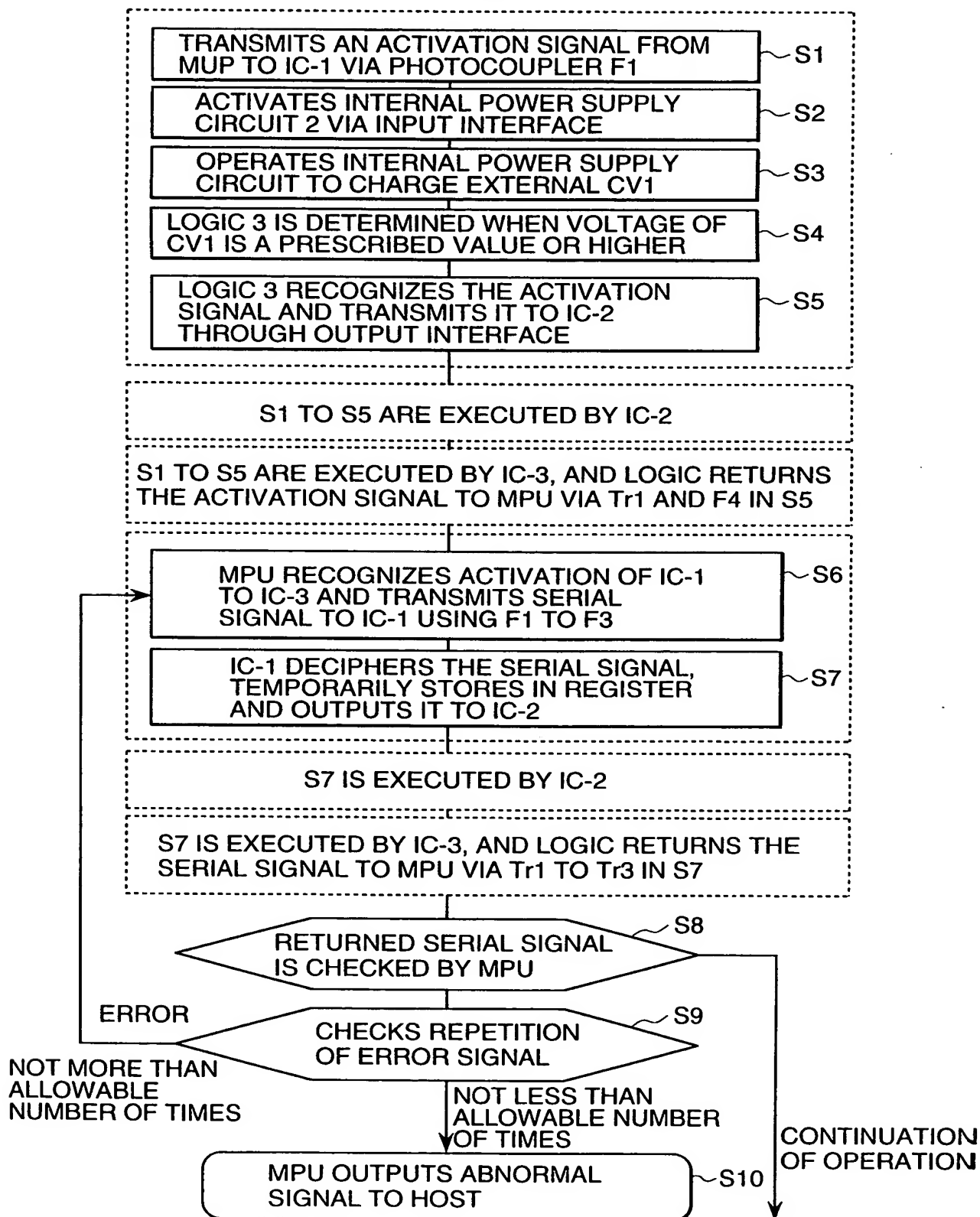


FIG. 6

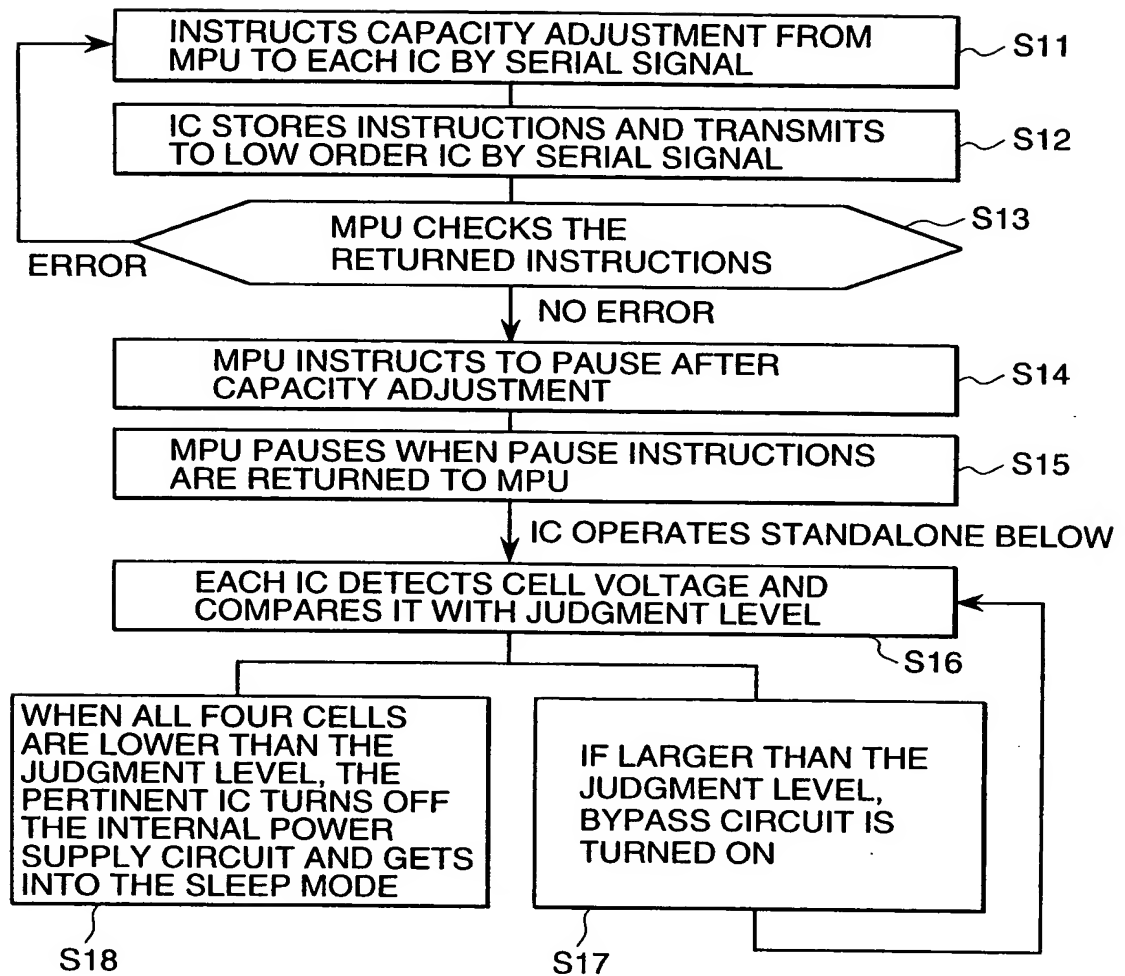


FIG. 7

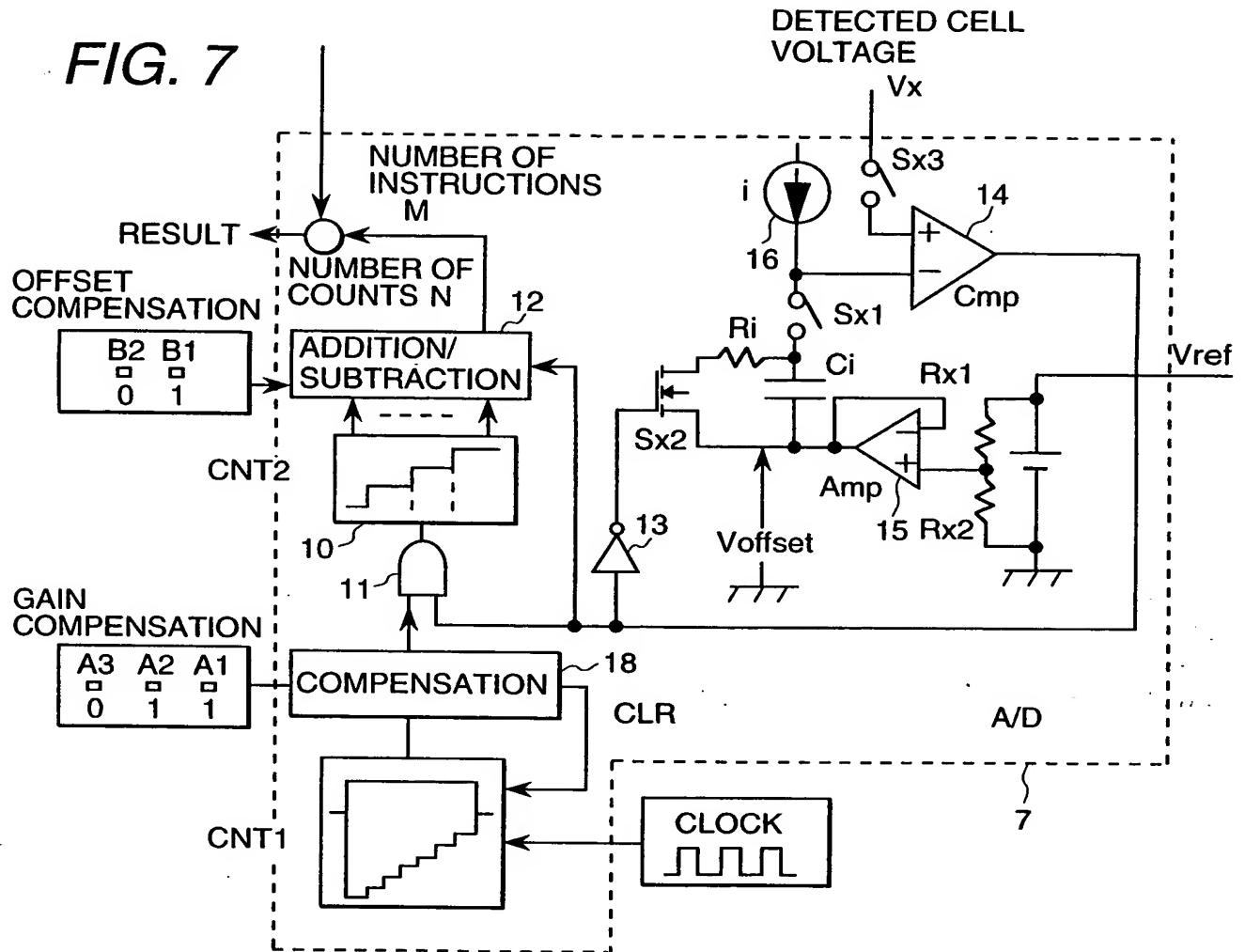


FIG. 8A

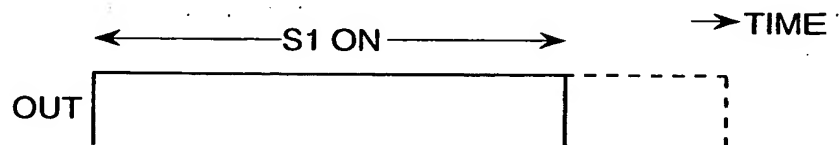


FIG. 8B

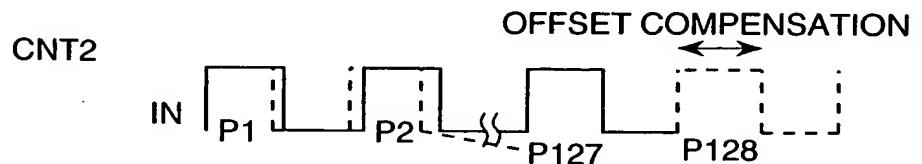


FIG. 8C

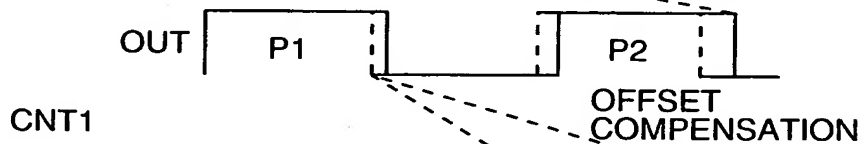


FIG. 8D

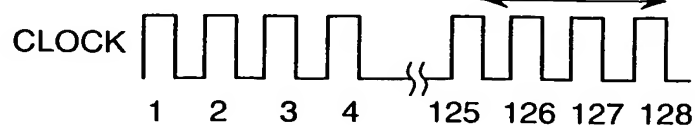


FIG. 9

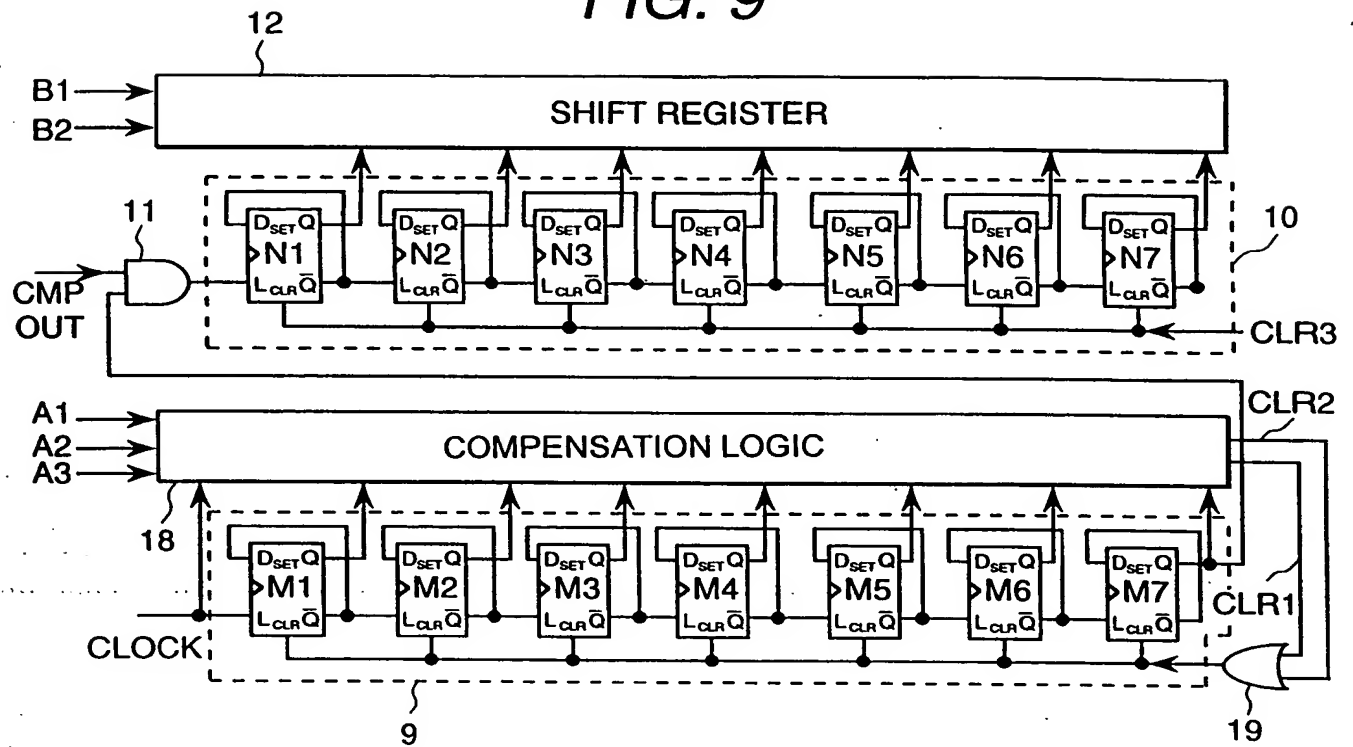


FIG. 10

| No. | A1 | A2 | A3 | CLK | M1 Q | M2 Q | M3 Q | M4 Q | M5 Q | M6 Q | M7 Q | CLR 1 | CLR 2 |
|-----|----|----|----|-----|---------|---------|---------|---------|---------|---------|---------|----------|----------|
| 1 | — | 0 | 0 | 0 | — | — | — | — | — | — | 1 | 1 | 0 |
| 2 | 1 | 1 | 0 | 0 | 1 | — | — | — | — | — | 1 | 0 | 1 |
| 3 | 1 | 0 | 1 | 0 | 0 | 1 | — | — | — | — | 1 | 0 | 1 |
| 4 | 1 | 1 | 1 | 0 | 1 | 1 | — | — | — | — | 1 | 0 | 1 |
| 5 | 0 | 1 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 1 |
| 6 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 1 |
| 7 | 0 | 1 | 1 | 0 | 1 | 0 | 1 | 1 | 1 | 1 | 0 | 0 | 1 |

FIG. 11

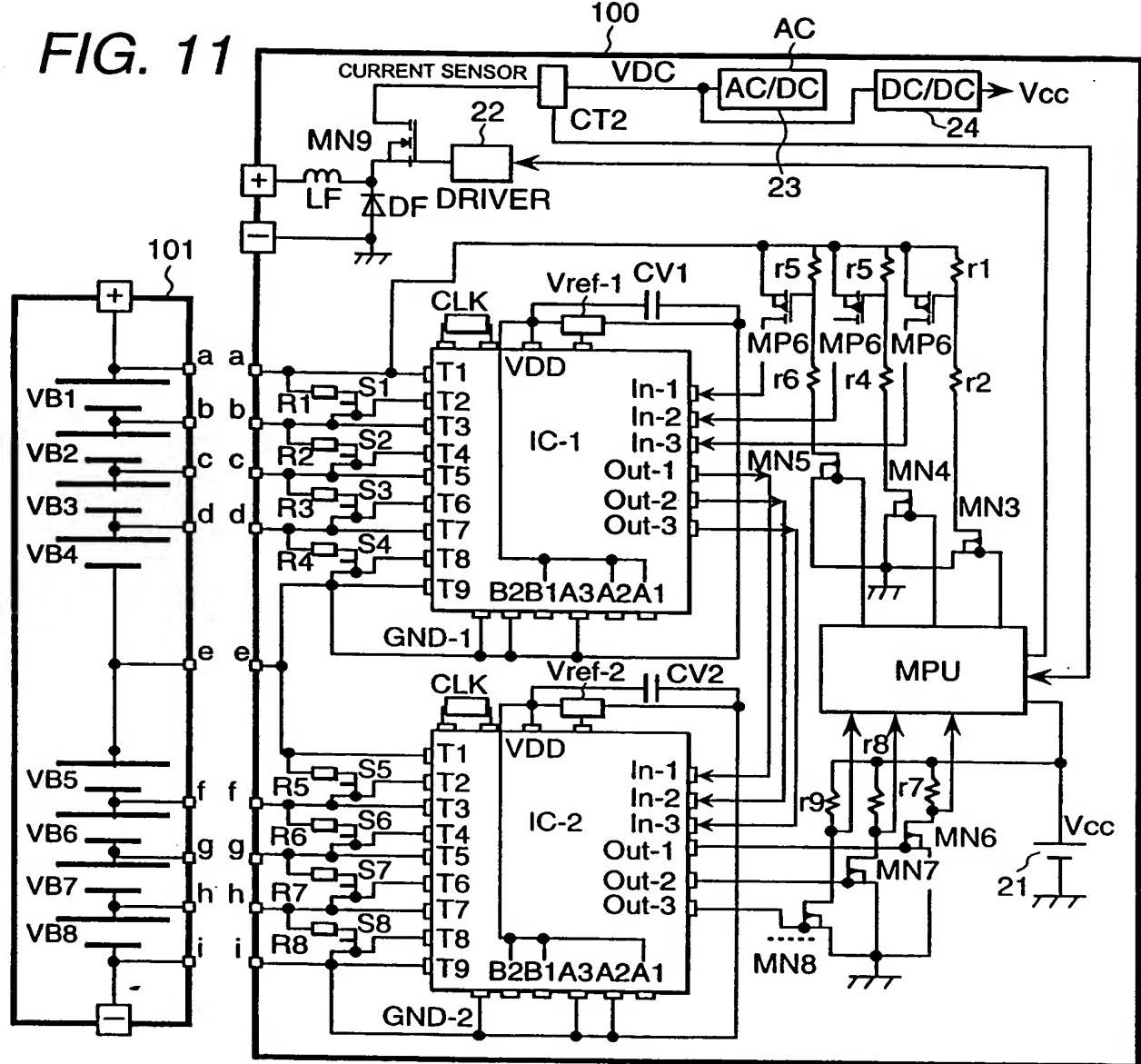


FIG. 12A



FIG. 12B



FIG. 12C



FIG. 12D

